

[54] COMMUNICATION TERMINAL
EQUIPMENT AND CALL INCOMING
CONTROL METHOD

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[56] References Cited

U.S. PATENT DOCUMENTS

4,504,707	3/1985	Lucchesi .	
4,935,735	6/1990	DeLuca et al. .	
5,233,641	8/1993	Maeda	455/567
5,276,729	1/1994	Higuchi et al.	455/403
5,329,577	7/1994	Norimatsu .	
5,406,618	4/1995	Knuth et al.	455/412
5,442,814	8/1995	Seo	455/403

5,491,745	2/1996	Roeder	455/564
5,493,285	2/1996	Yoshizawa	340/825.44
5,625,683	4/1997	Nazanin et al.	379/355
5,651,052	7/1997	Serrano	455/567
5,657,372	8/1997	Ahlberg et al.	455/403

FOREIGN PATENT DOCUMENTS

0275193	7/1988	European Pat. Off. .
0408027	1/1991	European Pat. Off. .
0502617	9/1992	European Pat. Off. .
0772334	5/1997	European Pat. Off. .
0799534A	4/1995	Japan .
9413065	6/1994	WIPO

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[57] **ABSTRACT**

In a communication terminal equipment and in a method of controlling call incoming, unnecessary noises in a period from the start of an alert sound to carrying out of the next operation can be reduced. When a predetermined operation is effected under the condition that an alert sound is ringing, the alert sound is stopped or the volume of the alert sound is reduced at least over a duration of call incoming. Thus, such a fear that persons in the surroundings may be troubled by the continuous ringing of the alert sound can be remarkably reduced. Further, since the situation that a power supply is cut off forcibly during call origination can be avoided, the fear that a person on the call origination side may be given an unpleasant feeling can be eliminated.

19 Claims, 5 Drawing Sheets